

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: HANS L. TRAUTENBERG
Serial No.: Not Yet Assigned
Filed: Concurrent Herewith
Title: PROCESS AND APPARATUS FOR CREATION OF
ESTIMATED NAVIGATION SIGNAL ERROR INFORMATION

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR §§ 1.97 and 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure under 37 CFR §1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached Form PTO-1449 and/or listed herein and which the Examiner may deem relevant to patentability of the claims of the above-identified application.

The relevance of these references to the subject matter of the present invention is given in the Background and Summary of the Invention in the specification of the present invention.

English abstracts summarizing the disclosures of the foreign language publications are submitted herewith.

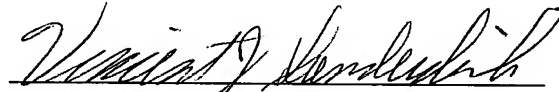
English translations of foreign language documents are being submitted herewith, and therefore no concise explanation for such foreign language documents is required.

The present Information Disclosure Statement is being filed (1) no later than three months from the application's filing date or (2) before the mailing date of the first Office Action on the merits (whichever is later), and therefore no certification under 37 C.F.R. §1.97(e) or fee under 37 C.F.R. §1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,

September 29, 2003

A handwritten signature in dark ink, appearing to read "Vincent J. Sunderdick", written over a horizontal line.

Vincent J. Sunderdick
Registration No. 26,160

CROWELL & MORING, LLP
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844

JFM:ast

FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office INFORMATION DISCLOSURE STATEMENT <i>(Use several sheets if necessary)</i>	Attorney Docket No. 010408.52704US	Serial No. Not Yet Assigned
	Applicant: Hans L. TRAUTENBERG	
	Filing Date Concurrent	Group

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA	6114992	9/5/2000	Underbrink			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Sub-Class	TRANSLATION	
							Yes	No
	AI	DE4136136	11/1991	Germany			Abstract	
	AJ	DE19536601	3/20/1997	Germany			Abstract	
	AK	DE19812426	9/23/1999	Germany			Abstract	
	AL	DE19636425	9/7/1996	Germany			Abstract	
	AM	DE19919249	11/2/2000	Germany			Abstract	
	AN	DE19731103	1/21/1999	Germany			Abstract	
	AO	DE3401090	1/13/1984	Germany			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AP	K. P. Schwarz et al., "Aided Versus Embedded: A comparison of Two Approaches to GPS/INS Integration", Position Location and Navigation Symposium, IEEE, Las Vegas, Nevada April 11-15, 1994, pgs. 314-322					
	AQ	Sinpyo Hong, et al., "Estimation of errors in INS with multiple GPS ant", Industrial Electronics Society, 2001. IECON 27 th Annual Conference of the IEEE, 11/29-12/02, 2001 Denver, CO, Vol. 1, pgs. 410-415					
	AR	S.P. Pullen et al., "Global Orientation of GPS Augmentation Architectures Using Genetic Algorithms", <u>ION</u> GPS-95, Palm Springs, California, September 1995, which can be retrieved in the Internet under: http://einstein.stanford.edu/gps/PDF/global_optimize_spp95.pdf					
	AS	W. Werner, "Towards Global Integrity", International Symposium on Kinematic Systems, in <u>Geodesy, Geomatics and Navigation</u> , KIS 2001, June 5-8, 2001, Banff, Canada, which can be retrieved in the Internet under: http://www.ifen.com/publications/KIS2001_Paper.pdf					

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

VJS:ast